

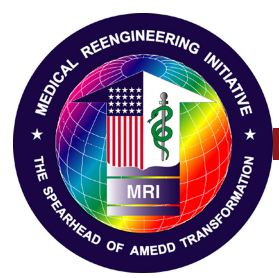
***Soldiers on point for the Nation...***

*... to conserve the fighting strength*



# **Medical Reengineering Initiative Information Briefing**

## **October 2002**



***Soldiers on point for the Nation...***



# Briefing Sequence *... to conserve the fighting strength*

- Purpose
- Background
- MRI and Army Transformation
- MRI Force Structure
- AR MRI Hospital Acceleration
- Hospital Optimization & Standardization Program (HOSP)
- MRI Current Conversion Status
- Clinical Operational Equipment Set (COES)



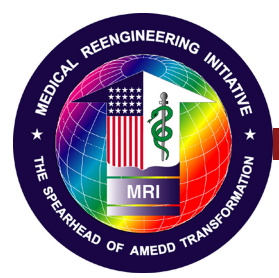
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# Purpos e

To provide background information on the Medical Reengineering Initiative (MRI) and a status update of the MRI Program and its progress toward completion.



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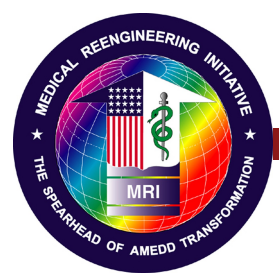
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# Description...MRI

- A reorganization of the Echelons Above Division and Echelons Above Corps deployable medical units consisting of the following medical functions:

- ✓ Hospitalization
- ✓ Command and Control
  - ✓ Dental
  - ✓ Medical Logistics
  - ✓ Preventive Medicine
- ✓ Combat Stress Control
- ✓ Area Medical Support
  - ✓ Veterinary
  - ✓ Evacuation
  - ✓ Laboratory

**MRI pertains to the:**  
**Active Army**  
**Army National Guard**  
**Army Reserves**



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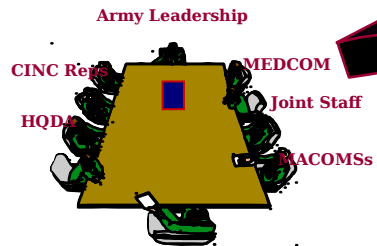


*... to conserve the fighting strength*

**MANNING THE FORCE**

**PROGRAM  
DIRECTOR'S  
CHARTER**

**EQUIPPING THE FORCE**



***COORDINATION***



***OVERSIGHT***

**COMBAT  
HEALTH  
SUPPORT  
T  
MRI**

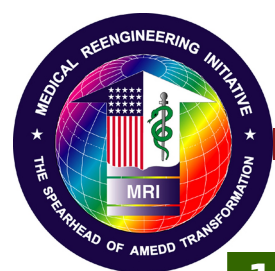
**TRAINING THE  
FORCE**



**SUSTAINING THE FORCE**

***INTEGRATION***

**MRIPIO => <http://mrimedforce.belvoir.army.mil>**



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1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004

**FDU**

### ***Force Design Update***

**MRI Redesign**

- Split-based operations
- Communications
- Reduced Footprint
- Modular/Tailorable

**VCSA Approves**

**MRI Program**

**CG TRADOC**

**Approves Design  
Changes**

***Total  
Army  
Analysis***

**TAA03**

**MF2K**

**TAA05**

**MRI**

**TAA07**

**MRI**

**TAA09**

**MRI**

**TAA11**

**MRI**

***Program  
Objective***

***Memorandum***

**POM 00-05**

**POM 02-07**

**POM 04-09**

**Mini POM 01-05 Mini POM 03-07 Mini POM 05-09**

**70 FDC MRI  
Units Resourced**

***Conversion  
s and  
Activations***

**26 Units  
Completed**

**14 Units  
Planned**

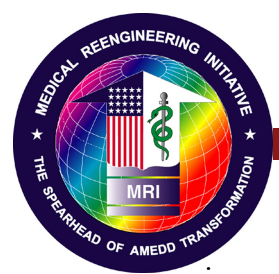
**First 9 Units  
Completed**

**26 Units Completed**

**35 Units  
Planned**

1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004



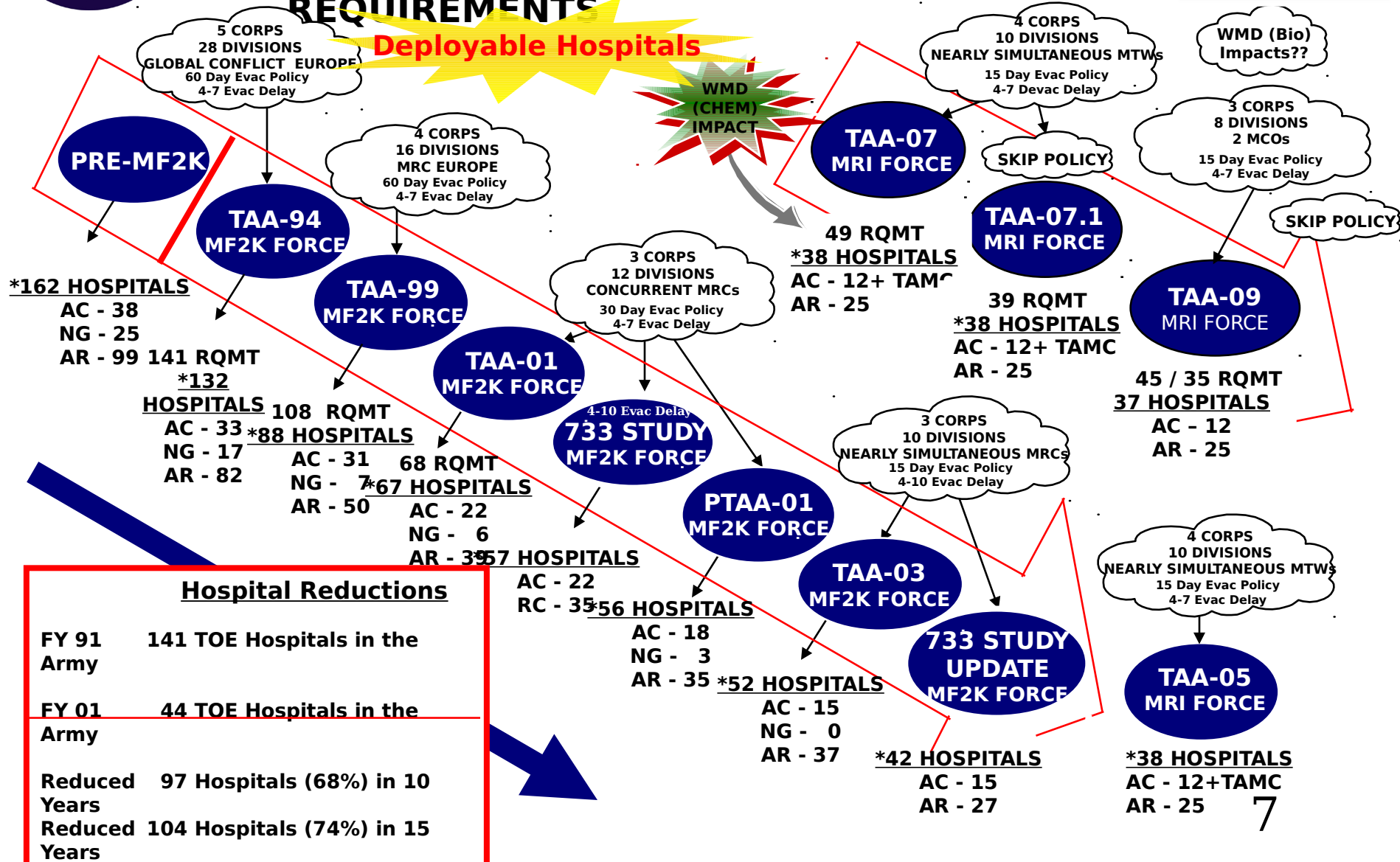


**Soldiers on point for the Nation...**

DPG/IPS  
CPG  
Casualty Rates  
Doctrinal Changes  
Optimize Assets  
AC/RC Mix  
Congressional Interest

# MEDICAL FORCE STRUCTURE REQUIREMENTS

**Deployable Hospitals**







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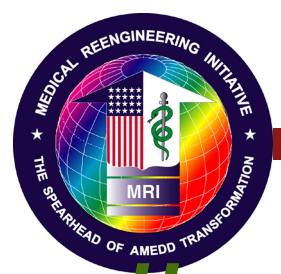


*... to conserve the fighting strength*

***The Mission of Transformation***  
Transform ***The Army*** into a force that is strategically responsive and dominant at every point of the spectrum of operations







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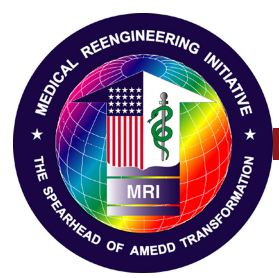
*... to conserve the fighting strength*



## ***How Will We Transform the Army? How Will AMEDD Support the Transforming Army?***

***Maintain a trained and ready Legacy Force to fight  
and win decisively against any threat ...our  
Nation's go to war force...(MF2K Force)  
Simultaneously***

- Field the *Interim Force* to meet an operational shortfall that exists between the capabilities of our early arriving light forces and our later arriving heavy forces... *our bridge to the future...(MRI is the AMEDD's Interim Force)*
- Design and field the new *Objective Force* that is strategically responsive capable of dominating at every point on the spectrum of operations... *our future Army...(our future AMEDD Force)*



***Soldiers on point for the Nation...***



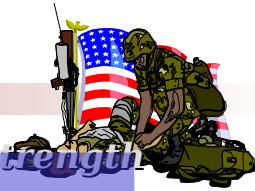
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# Army Transformation





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# **What Does MRI Do for AMEDD Transformation?**

**IMPROVES MODULARITY**

**PROVIDES SCALABLE  
CAPABILITY PACKAGES**

**ENABLES  
SPLIT-BASED OPERATIONS**

**REORGANIZES  
EAD/EAC  
DEPLOYABLE  
MEDICAL UNITS**

**PROVIDES  
MANNING FOR  
IM/IT ENABLERS**

**REDUCES  
THEATER MEDICAL  
FOOTPRINT**





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*... to conserve the fighting strength*

# The AMEDD Force Structure AC to RC Linked

## The AMEDD Enterprise

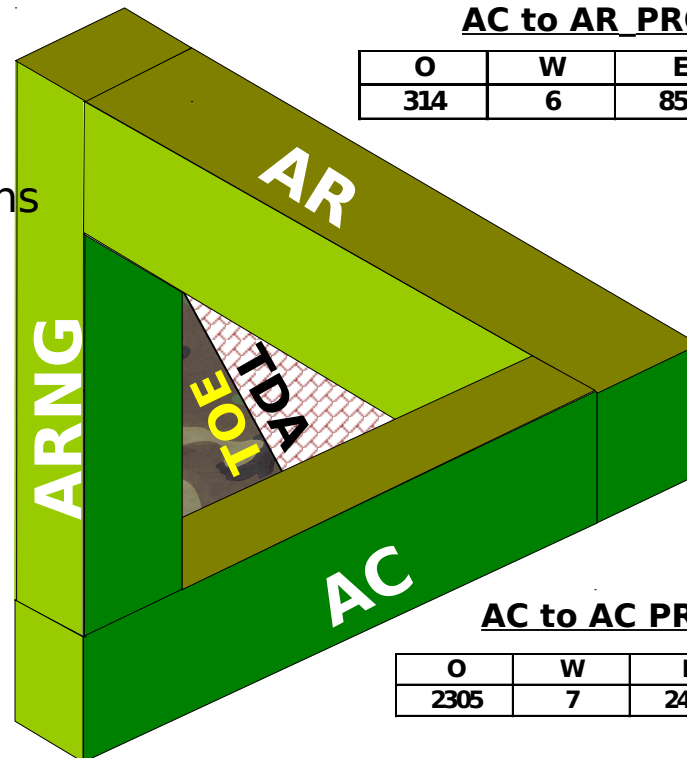
- 11 AR numbered TDA Hospitals, 2449 IMA personnel, backfilling AC TDA Hospitals and research positions
- 22 AC TDA hospitals providing PROFIS to AC and AR TOE units
- ARNG TOE evacuation and area medical support

**TOTAL PROFIS**

O	W	E	TTL
2305	7	2452	4764
314	6	858	1178
<b>2619</b>	<b>13</b>	<b>3310</b>	<b>5942</b>

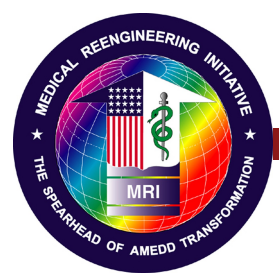
**AC to AR PROFIS**

O	W	E	TTL
314	6	858	1178



**AC to AC PROFIS**

O	W	E	TTL
2305	7	2458	4764



***Soldiers on point for the Nation...***



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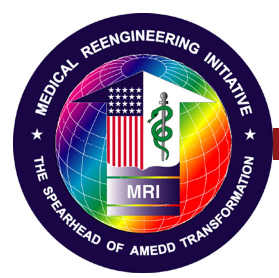
# C-E & IM Personnel in MRI Organizations

## **IM/IT ENABLED**

- MRI provides IM/IT personnel infrastructure
- Supports digitization effort
- Organizational chassis for MC4
- MC4 Objective Force System

<u>C-E &amp; IM CF</u>	<u>MF2K</u>	<u>MRI</u>	
25A	C-E Officer	8	81
70D	Bio Med IM Officer	5	112
251A	Info Sys Tech	0	6
74Z50	Info System Chief	0	6
74B20/30	Info System Opr/Maint	11	127
74B10	Info System Opr/Maint	16	22
31U40	Commo Chief	58	77
31U20/30	Team/Section Chief	7	17
31U10	Radio Operator	202	335





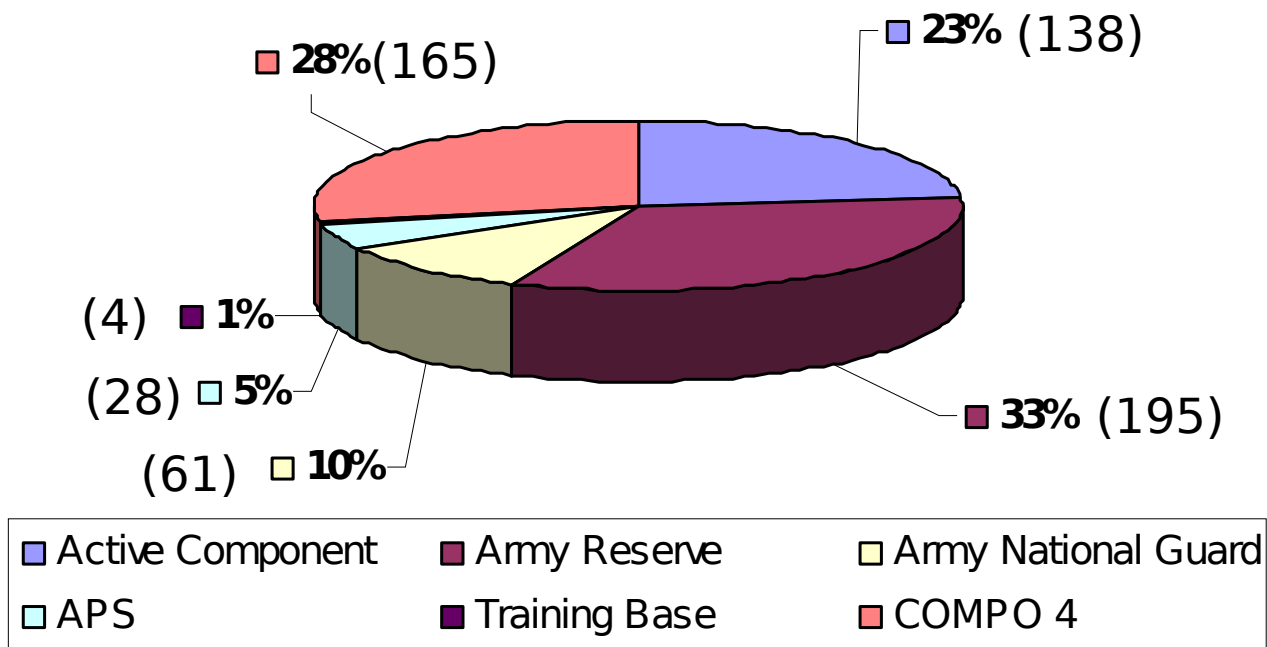
***Soldiers on point for the Nation...***

*... to conserve the fighting strength*

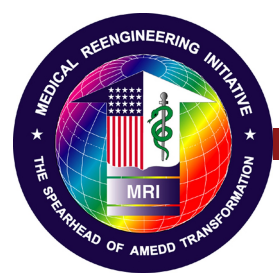


# The MRI Total Force

**TAA09 AMEDD Force Structure Requirements**



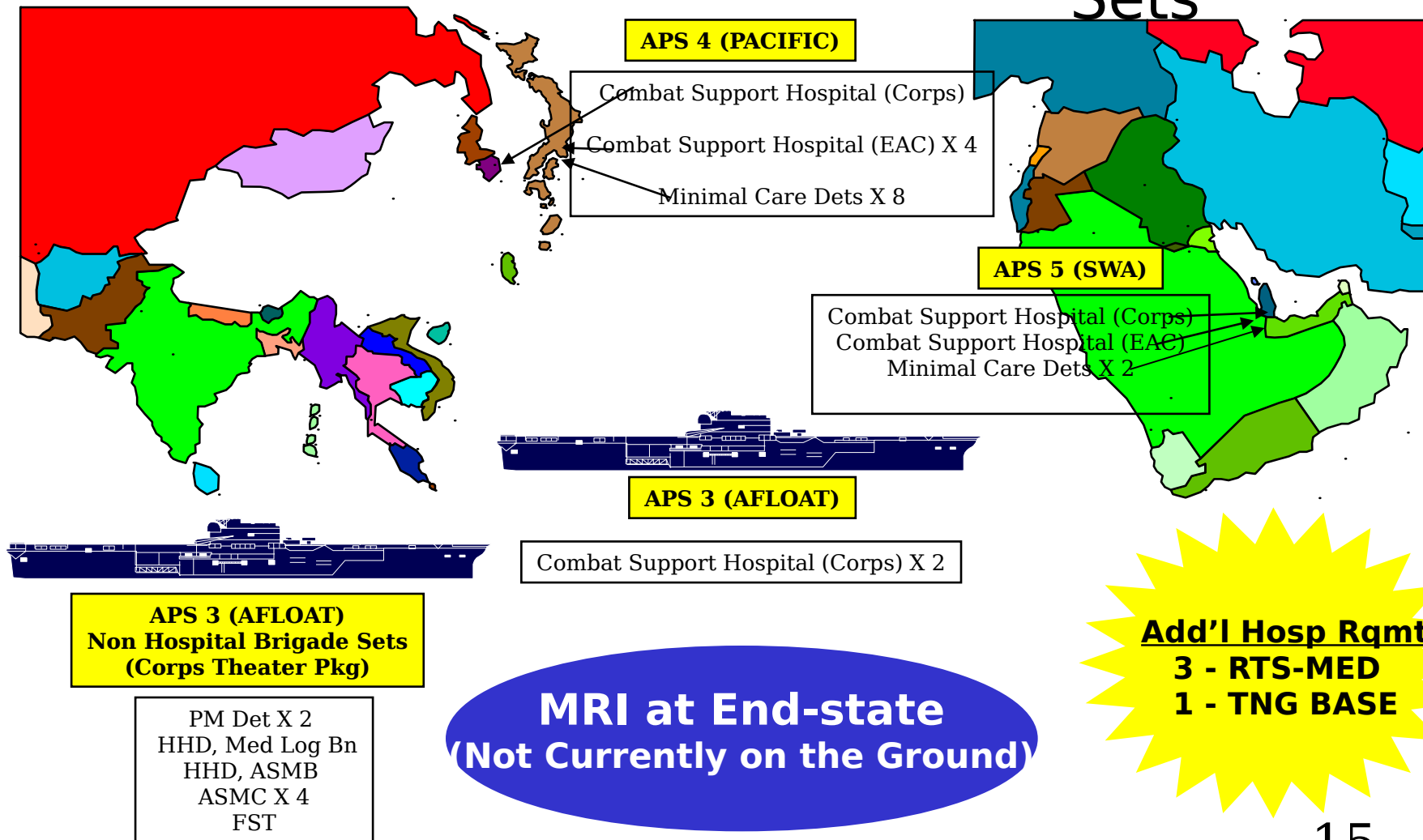


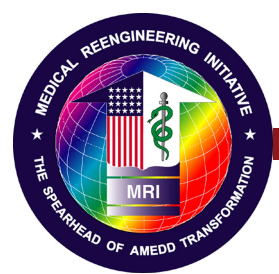


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# Prepositioned Equipment Sets





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*... to conserve the fighting strength*

# MRI End State By Component

	Active	ARNG	AR	Multi-COMPO	<b>Total</b>
CSH (Corps)	8	0	15	*2(AR Flag)	<b>23</b>
CSH (EAC)	4	0	10	0	<b>14</b>
Hosp Aug Tms	31	0	68	0	<b>99</b>
Evacuation	22	21	10	0	<b>53</b>
Area Spt Med	19	40	0	0	<b>59</b>
Area Dental Co	6	0	11	*2 (AC Flag)	<b>17</b>
Prev Med Det	14		26	0	<b>40</b>
Area Med Lab	2	0	1	0	<b>3</b>
Veterinary	8	0	12	0	<b>20</b>
Cbt Stress Det	4	0	8	0	<b>12</b>
Medical Logistics	15	0	20	*1 (AC Flag)	<b>35</b>
C4	5	0	14	*2 (1 AC/1 AR)	<b>19</b>
<b>TOTALS:</b>	<b>138</b>	<b>61</b>	<b>195</b>		<b>394</b>

\*Counted in Respective Component

Source: TAA09



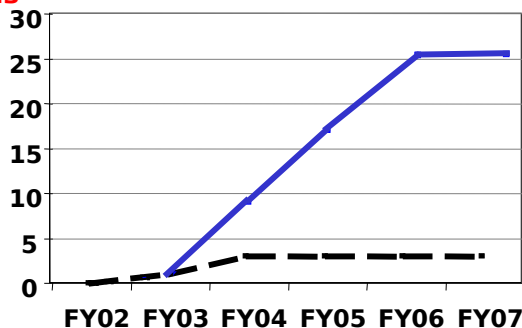
**Soldiers on point for the Nation...**



# Army Reserve Hospital Acceleration *...to conserve the fighting strength*

**MRI  
Converted  
Hospitals**

## ARMY RESERVE



**COMPLETED  
FY06**

— AR Cmd Plan  
— AR Previous  
Cmd Plan

**Risk in  
modernization**

**Year**

## Training

- Delaying AR MRI hospital conversion creates an over structure bill to the Army of 2500 spaces
- Accelerating conversions will generate significant savings over next 5 years:
  - Cost savings based on average salary & per diem for an E4 attending initial 91B, 91C, 91D, 91K and 91Y training reveals cost avoidance of \$92M
  - Medical Corps Officer, O-4, reveals cost avoidance of \$4.4M

Source: DAAR-FDD Exsum, Dated 7 June 2001

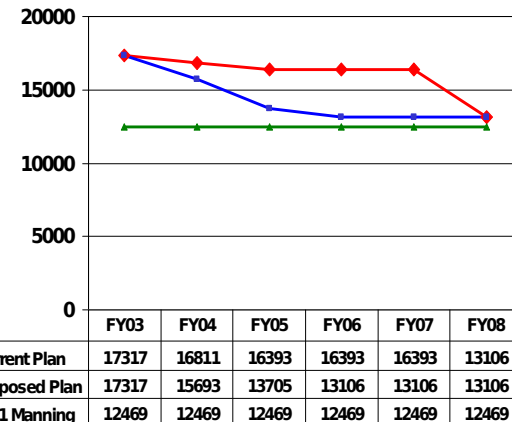
## CURRENT STRUCTURE =

- ✓ DIFFICULT RECRUITING
- ✓ INCREASED 91W REQ
- ✓ INCREASED TRNG COSTS
- ✓ LOWER ASGND STR %
- ✓ NO MC4 SPT

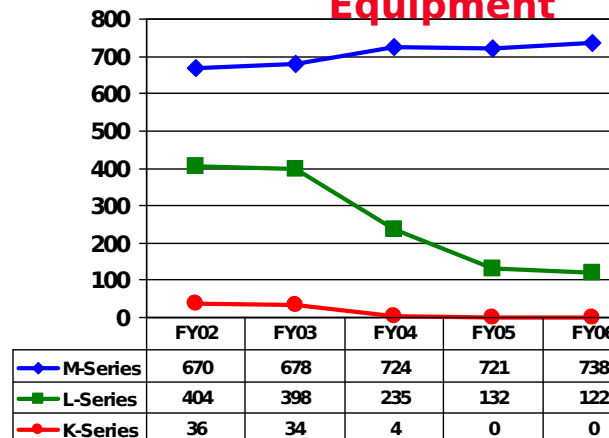
## PROPOSED STRUCTURE =

- ✓ IMPROVED MANNING
- ✓ IMPROVED READINESS
- ✓ LOWER 91W REQ
- ✓ HIGHER ASGND STR

## Personnel



## Equipment

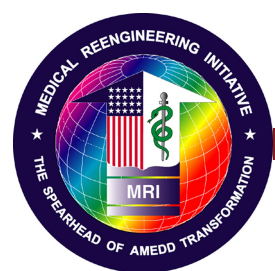


**Proposed Concept  
Improves Average  
Age of RCHD MMSs!**

◆ M-Series  
■ L-Series  
● K-Series

**DEPMEDS Database  
Years**

M-series: 1990 +  
L-series: 1987 - 1989  
K-series: 1986



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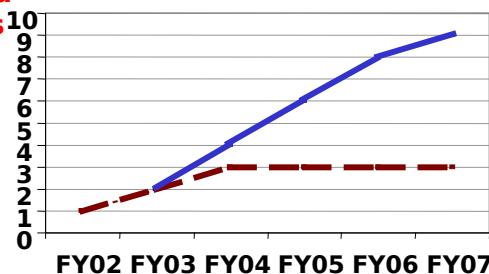
# Hospital Optimization & Standardization Program (HOSP)

... to conserve the Jig **Accepts Risk In Modernization of 164 Bed Co.**

**MRI  
Converted  
Hospitals**

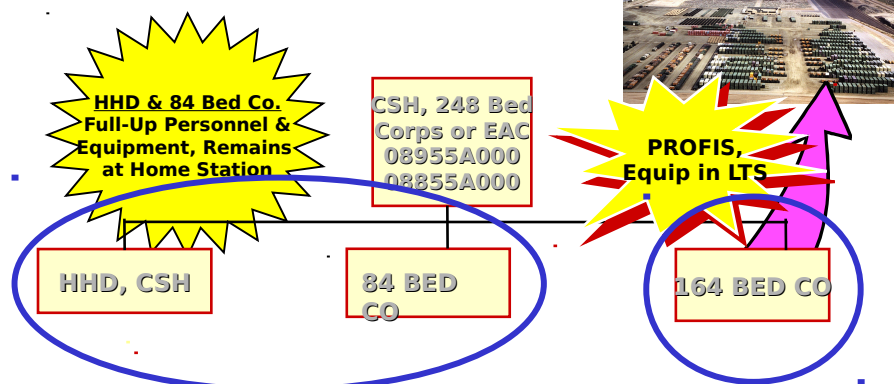
**FORSCOM \***

**COMPLETED  
FY07**



**Year**

**The HOSP Concept**



## The Schedule

FORSCOM	FY2002	FY2003	FY2004	FY2005	FY2006
CSH (Corps)	21st CSH Ft Hood, TX	21st CSH Ft Hood, TX	10th CSH Ft Carson, CO	28th CSH Ft Bragg, NC	86th CSH Ft Campbell, KY
		31st CSH Ft Bliss, TX	47th CSH Ft Lewis, WA		
CSH (EAC)				14th FLD Ft Benning, GA	249th Gen Ft Gordon, GA
					115th FLD Ft Polk, LA
Minimal Care Dets			MCD Ft Bliss, TX	3 X MCD Ft Anywhere, USA	3 X MCD Ft Anywhere, USA
Original FDC Medical Slice					
21st CSH converts to HOSP staffing/equipment levels, converted in FY02 to "full-up" MRI CSH					

## The Value Added

**Accelerates  
Efficiencies**

- Value to Army Transformation
  - Accelerates conversion to MRI Structure/Force Design
  - Organizes & equips standardized hospital capability for FC missions & training
  - Reduces unit maintenance burden
  - Increases readiness
  - Allows AMEDD CL VIII dollars to be stretched
  - Responds to Interim Force needs
  - Eliminates Care Taker Hospitals

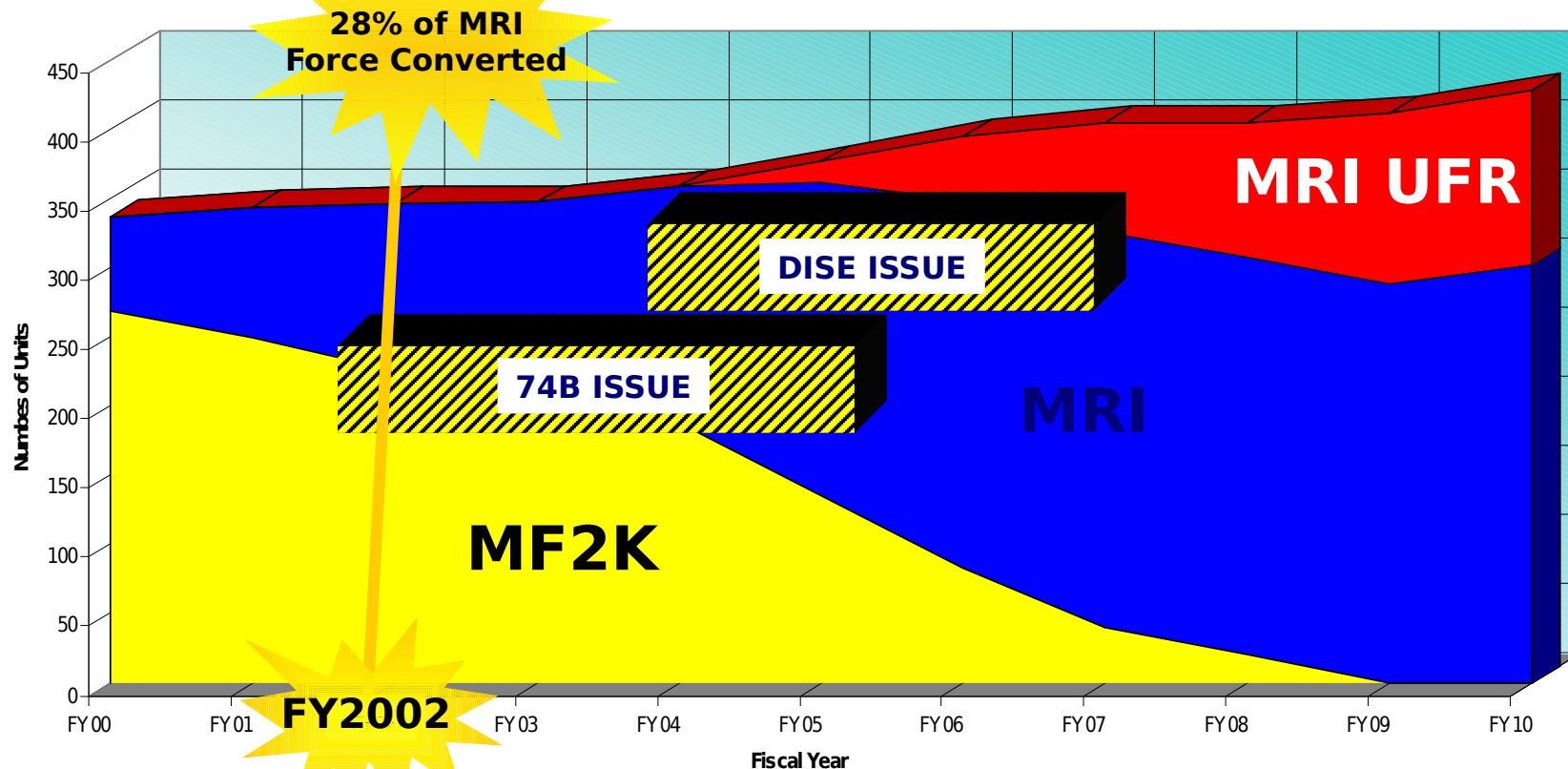


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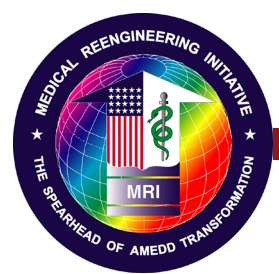
# The MRI and MF2K Mixed Force *...to conserve the fighting strength*

(COMPOs 1, 2, 3, & 6)



	FY 03	FY 04	FY 05	FY 06	FY 07	FY08	FY 09	FY 10	TOTALS
REQ	33.48	35.39	38.32	14.53	8.96	9.42	1.77	0.105	108.495
Funded	13.51	8.64	10.11	6.82	0.51	0.12	0.561	0.1	26.861
Unfunded	19.97	26.75	28.21	7.71	8.45	9.3	1.21	0.005	81.635

Source Data: TAA04 **9**  
FY 04-09 POM Lock 3.2, 21 Aug 02

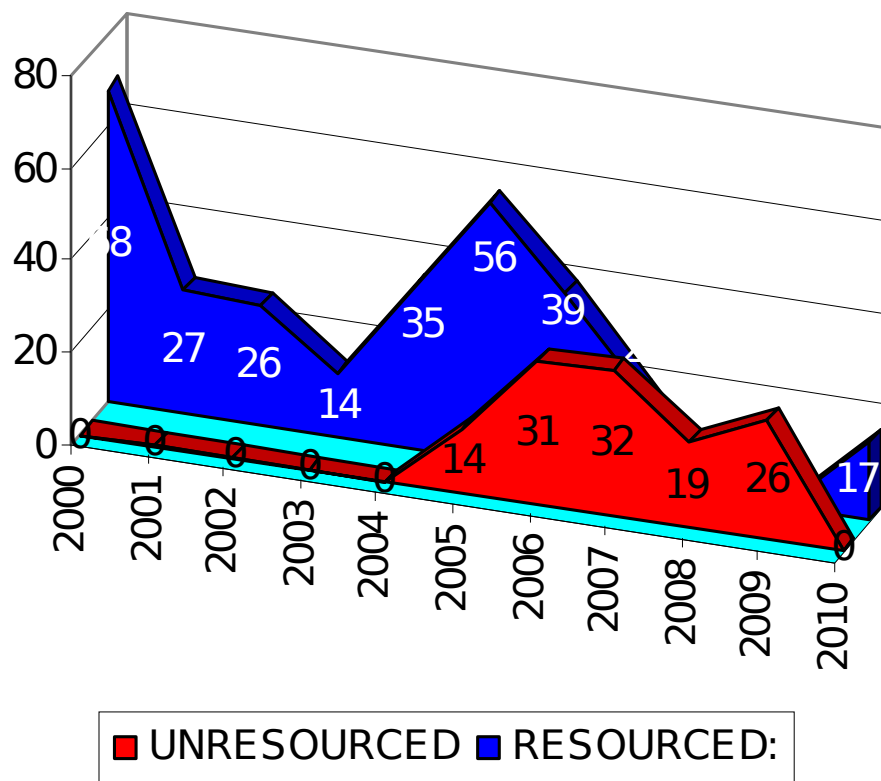


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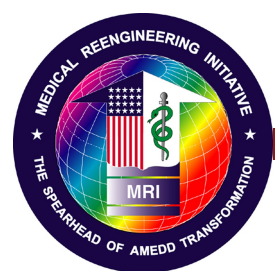


# MRI Resourced Units *...to conserve the fighting strength* VS Unresourced Units

**Accepts risks in  
modernization**







**Soldiers on point for the Nation...**



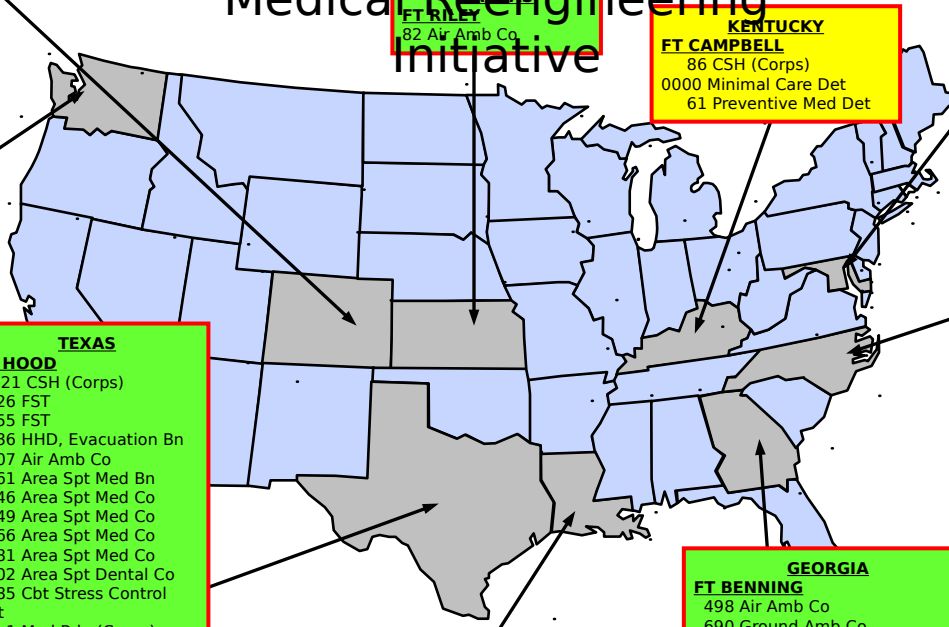
*... to conserve the fighting strength*

# Active Component Medical Units FORSCOM

As of 16 Aug 02

Thru FY09

## Medical Reengineering Initiative



**COLORADO**  
**FT CARSON**  
2 FST  
571 Air Amb Co  
223 Preventive Med Det  
  
10 CSH (Corps)

**WASHINGTON**  
**FT LEWIS**  
102 FST  
250 FST (ABN)  
3 Infectious Diseases Tm  
54 Air Amb Co  
514 Ground Amb Co  
520 Area Spt Med Co  
547 Area Spt Med Co  
551 Medical Logistics Company  
62 Med Bde (EAC)  
  
47 CSH (Corps)  
227 Preventive Med Det  
  
53 Head & Neck Hosp Aug Tm  
673 Area Spt Dental Co  
98 Cbt Stress Control Det

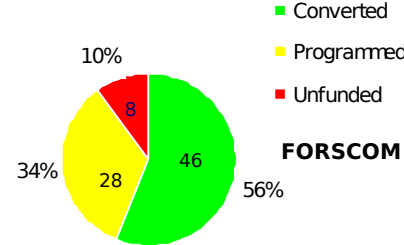
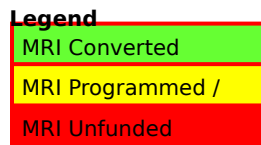
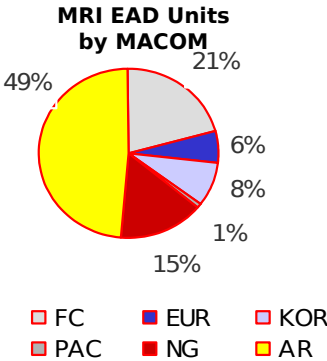
**TEXAS**  
**FT HOOD**  
21 CSH (Corps)  
126 FST  
555 FST  
36 HHD, Evacuation Bn  
507 Air Amb Co  
61 Area Spt Med Bn  
546 Area Spt Med Co  
549 Area Spt Med Co  
566 Area Spt Med Co  
581 Area Spt Med Co  
502 Area Spt Dental Co  
85 Cbt Stress Control Det  
1 Med Bde (Corps)  
**FT BLISS**  
745 FST  
**FT SAM HOUSTON**  
151 Dialysis Tm  
418 Medical Logistics Co.  
591 Medical Logistics Co.  
440 Blood Spt Det.  
**FT HOOD**  
0000 Minimal Care Det  
224 Preventive Med Det  
43 Surveillance Det  
99 Food Procurement Det  
**FT BLISS**  
31 CSH (Corps)  
10 Minimal Care Det

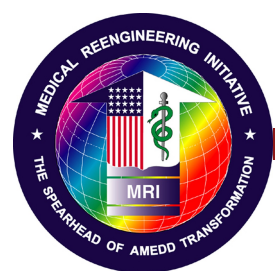
**LOUISIANA**  
**FT POLK**  
565 Ground Amb Co  
485 Preventive Med Det  
  
115 CSH (EAC)  
0000 Minimal Care Det

**KENTUCKY**  
**FT CAMPBELL**  
86 CSH (Corps)  
0000 Minimal Care Det  
61 Preventive Med Det

**MARYLAND**  
**FT DETRICK**  
6 Med Logistics Management Ctr  
**ABERDEEN PROVING GROUNDS**  
1 Area Med Lab  
9 Area Med Lab  
  
**NORTH CAROLINA**  
**FT BRAGG**  
274 FST (ABN)  
56 Evacuation Bn  
57 Air Amb Co  
261 HHD, Area Spt Med Bn  
36 Area Spt Med Co  
550 Area Spt Med Co  
601 Area Spt Med Co  
602 Area Spt Med Co  
44 MEDCOM (Corps)  
  
28 CSH (Corps)  
0000 Minimal Care Det  
207 Head & Neck Hosp Aug Tm  
528 Cbt Stress Control Det  
155 Preventive Med Det  
248 Surveillance Det  
  
44 Pathology Hosp Aug Tm  
257 Area Spt Dental Co  
32 HHD, Med Logistics Bn  
1 Medical Logistics Co  
51 Logistics Support Co

**GEORGIA**  
**FT BENNING**  
498 Air Amb Co  
690 Ground Amb Co  
**FT STEWART**  
240 FST  
  
**FT BENNING**  
14 CSH (EAC)  
0000 Minimal Care Det  
926 Preventive Med Det.  
**FT GORDON**  
249 CSH (EAC)  
0000 Minimal Care Det  
**HUNTER AAF**  
172 Preventive Med Det





**Soldiers on point for the Nation...**

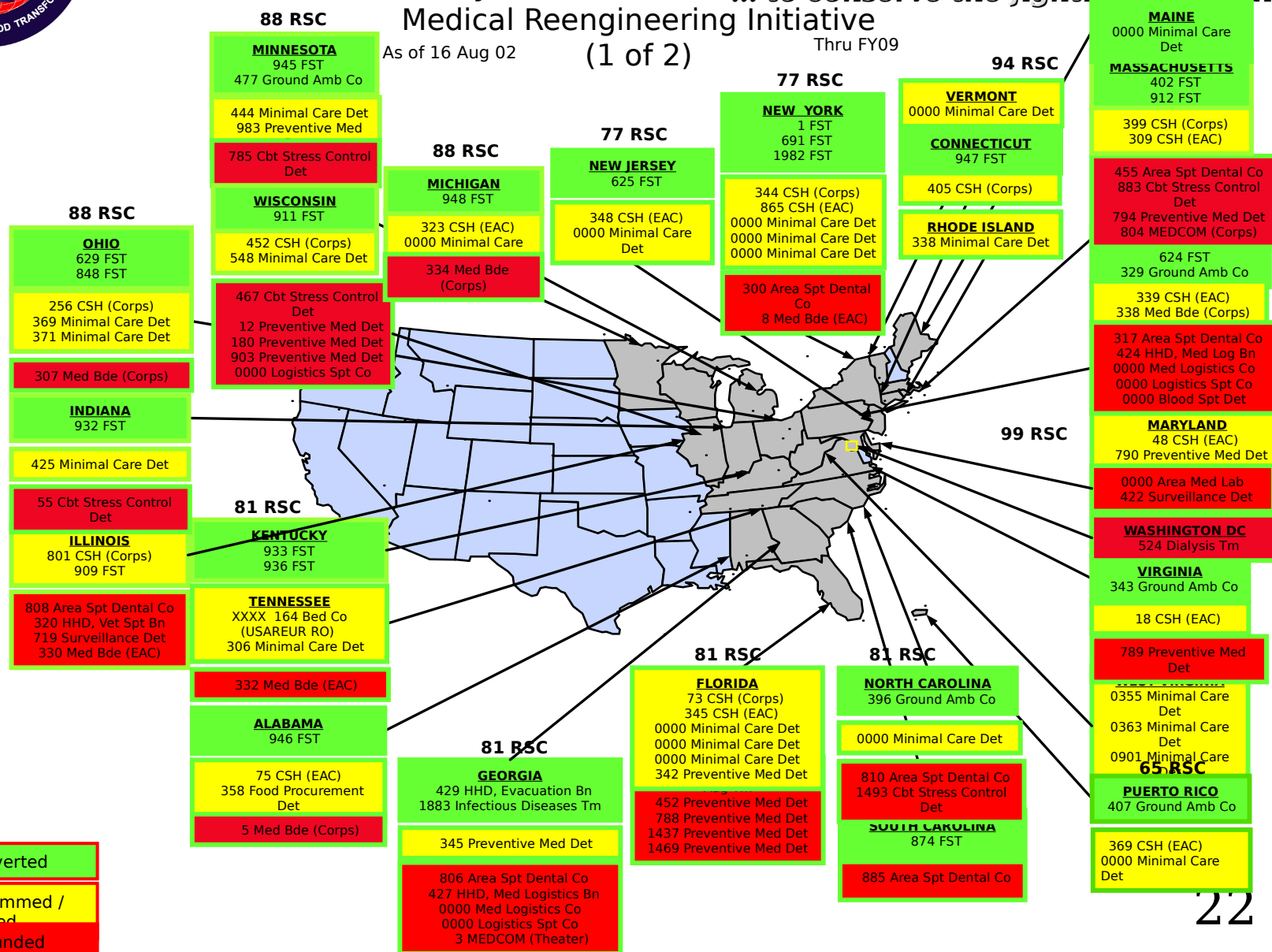


# Army Reserve Medical Units

to conserve the fighting strength

## Medical Reengineering Initiative

As of 16 Aug 02 (1 of 2) Thru FY09



**Legend**

MRI Converted
MRI Programmed / Funded
MRI Unfunded



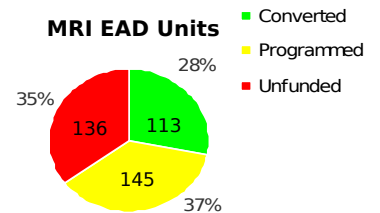
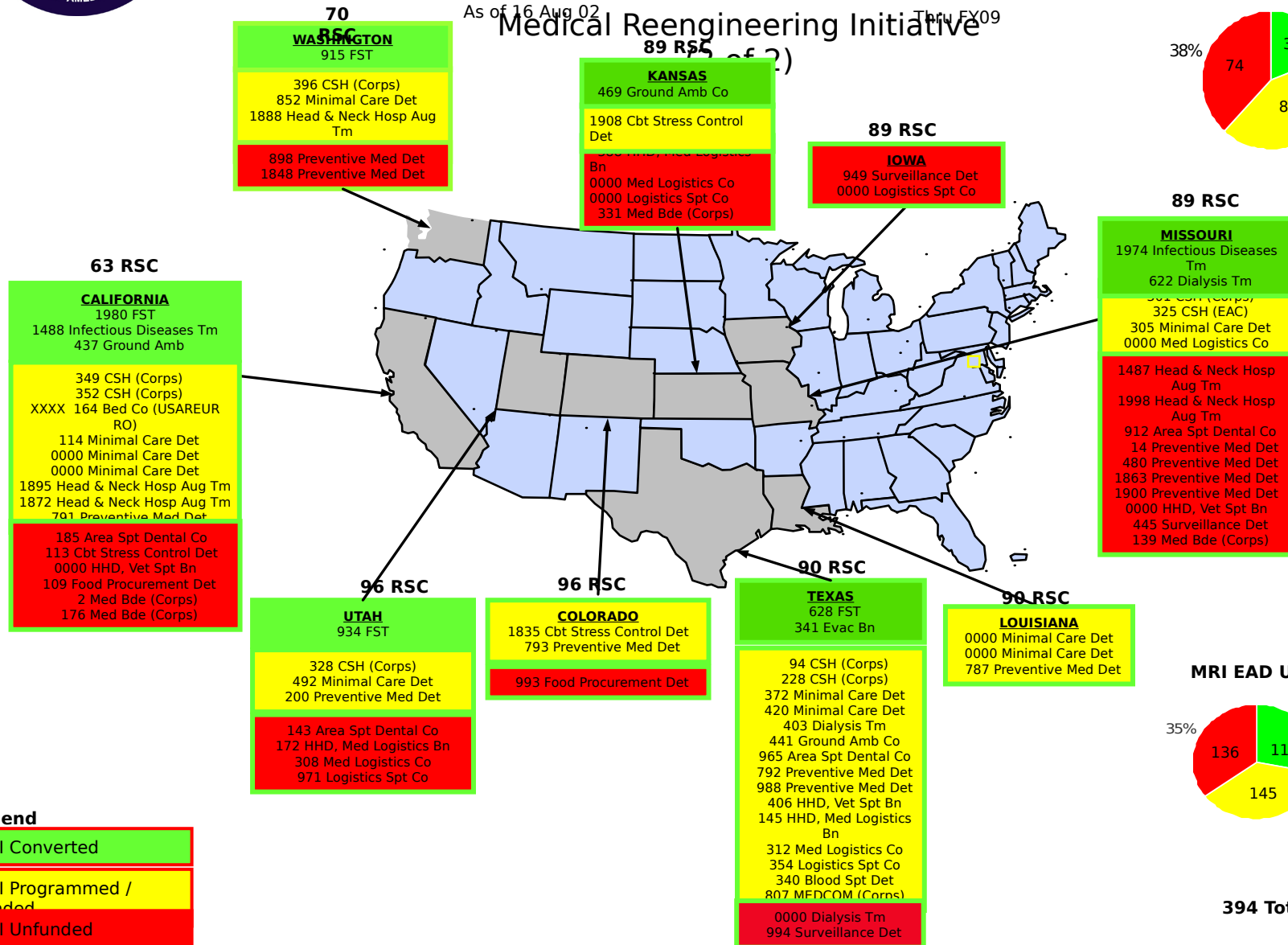
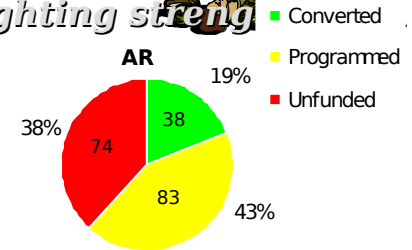
**Soldiers on point for the Nation...**



# Army Reserve Medical Units

...to conserve the fighting strength

As of 16 Aug 02 Thru FY09  
Medical Reengineering Initiative

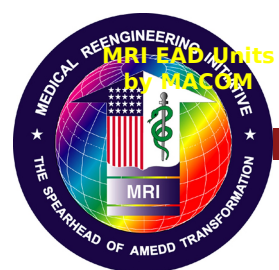


394 Total Units

23

## Legend

MRI Converted
MRI Programmed / Funded
MRI Unfunded



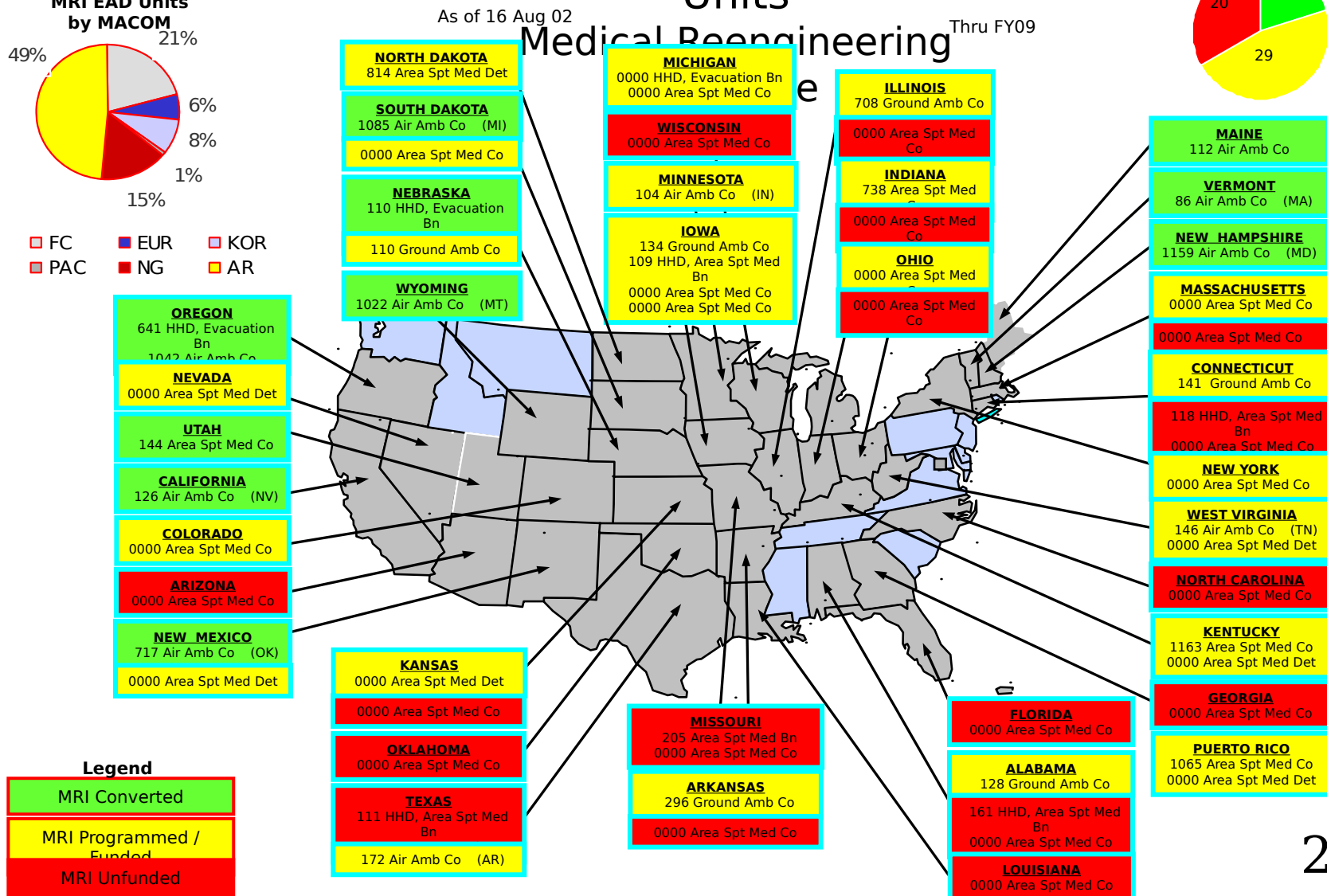
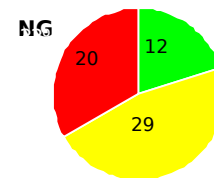
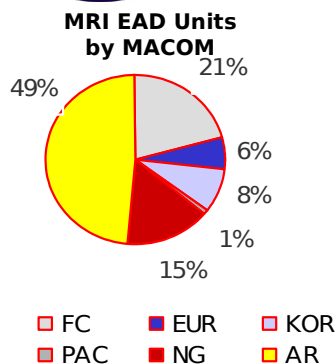
**Soldiers on point for the Nation...**

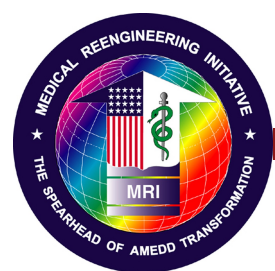


■ Converted  
■ Programmed  
■ Unfunded

# National Guard Medical Units

to conserve the fighting strength





**Soldiers on point for the Nation...**



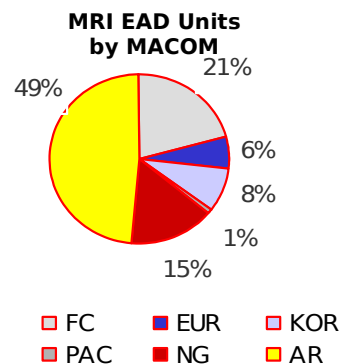
*... to conserve the fighting strength*

# Active Component Medical Units

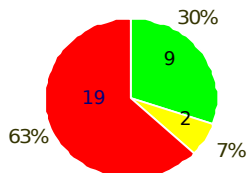
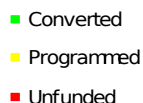
As of 16 Aug 02

USAREUR / EUSA / USARPAC

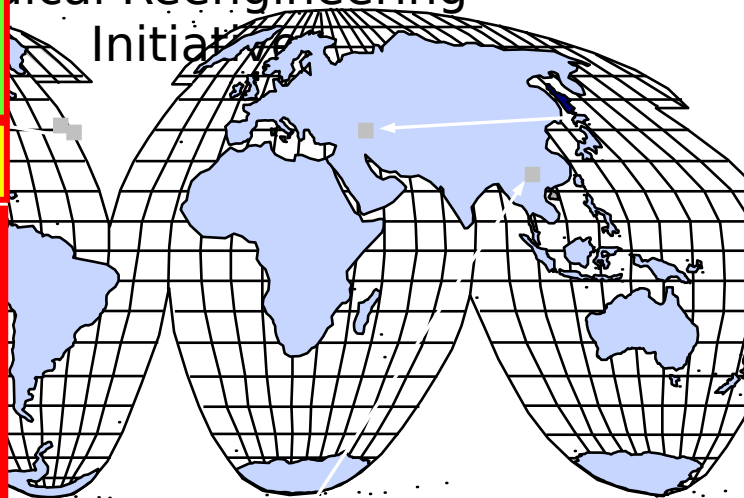
Thru FY09



## EUSA



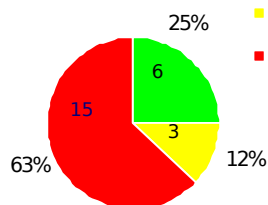
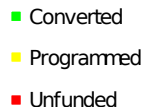
EUROPE	
<b>GERMANY</b>	
67 FST	
160 FST	
421 HHD, Evac Bn	
45 Air Amb Co	
159 Air Amb Co	
236 Air Amb Co	
67 CSH (Corps)	
212 CSH (Corps)	
650 Area Spt Med Co	
<b>GERMANY</b>	
0000 Special Care Hosp Aug Tm	
0000 Telemedicine Det	
557 Ground Amb Co	
628 HHD, Area Spt Med Bn	
523 Area Spt Dental Co	
561 Area Spt Dental Co	
254 Cbt Stress Control Det	
71 Preventive Med Det	
133 Preventive Med Det	
64 Surveillance Det	
226 HHD, Med Logistics Bn	
0000 Logistics Spt Co	
0000 Blood Spt Det	
30 Med Bde (Corps)	
<b>ITALY</b>	
255 Preventive Med Det	



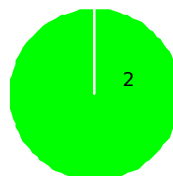
HAWAII	
<b>SCHOFIELD BKS</b>	
8 FST	
68 Air Amb Co	(AK)

KOREA	
127 FST	
135 FST	
122 Special Care Hosp Aug Tm	
52 HHD, Evacuation Bn	
377 Air Amb Co	
542 Air Amb Co	
560 Ground Amb Co	
568 Ground Amb Co	
618 Area Spt Dental Co	
121 CSH (EAC)	
150 Minimal Care Det	
78 Pathology Hosp Aug Tm	
74 Telemedicine Det	
168 HHD, Area Spt Med Bn	
567 Area Spt Med Co	
584 Area Spt Med Co	
629 Area Spt Med Co	
75 Area Spt Med Det	
5 Preventive Med Det	
38 Preventive Med Det	
154 Preventive Med Det	
34 HHD, Vet Spt Bn	
119 Surveillance Det	
106 Food Procurement Det	
129 Animal Surgical Det	
16 HHD, Med Logistics Bn	
563 Med Logistics Co	
37 Logistics Spt Co	
95 Blood Spt Det	
18 MEDCOM (Theater)	

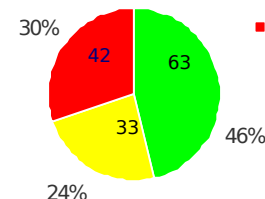
## USAREUR



## USARPAC

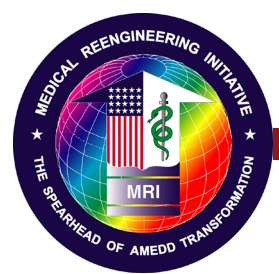


## AC TOTAL



## Legend

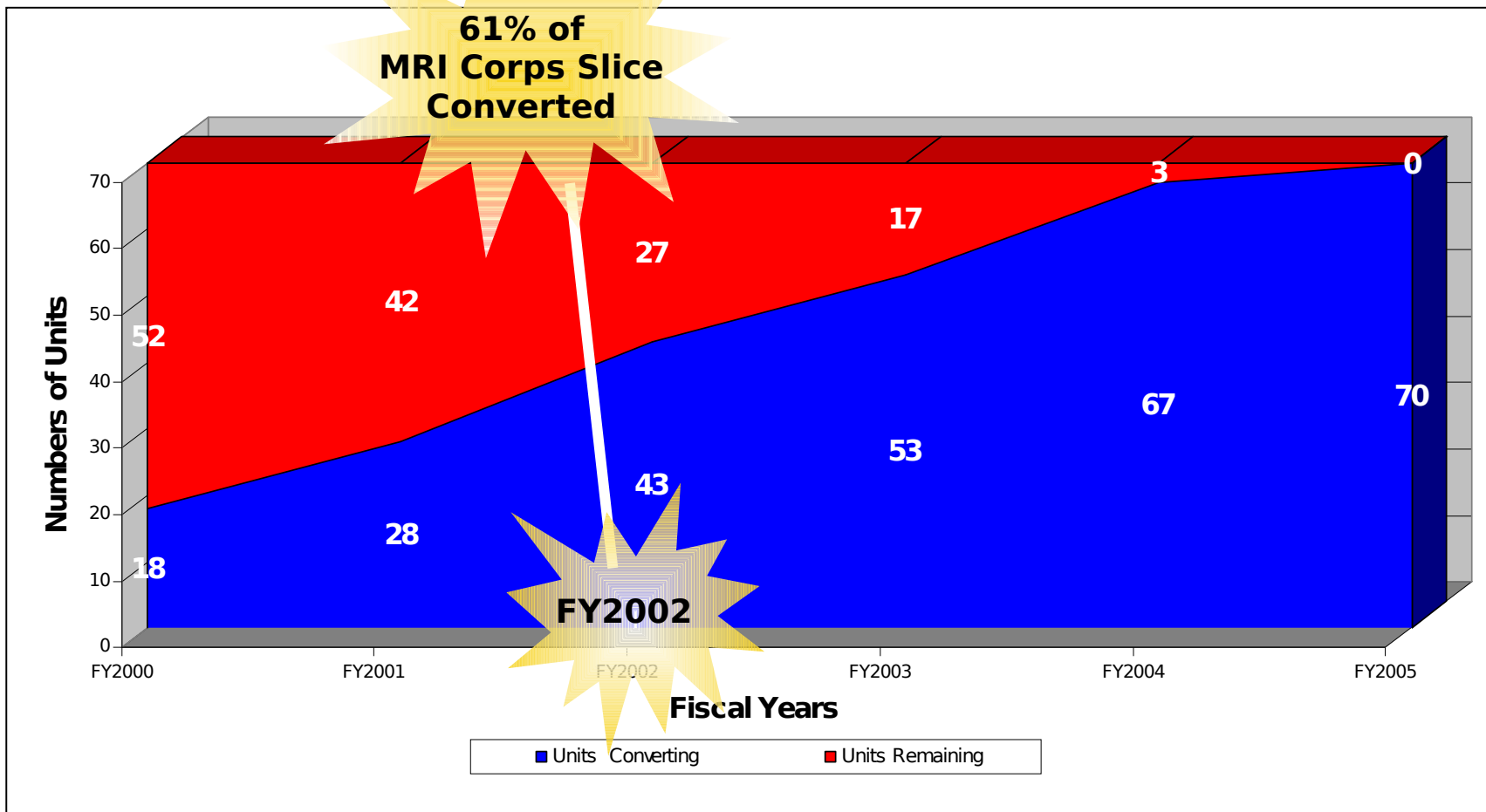
MRI Converted
MRI Programmed / Unfunded
MRI Unfunded



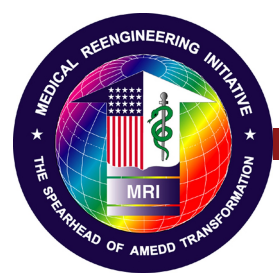
***Soldiers on point for the Nation...***



# MRI Corp Slice Conversion Plan





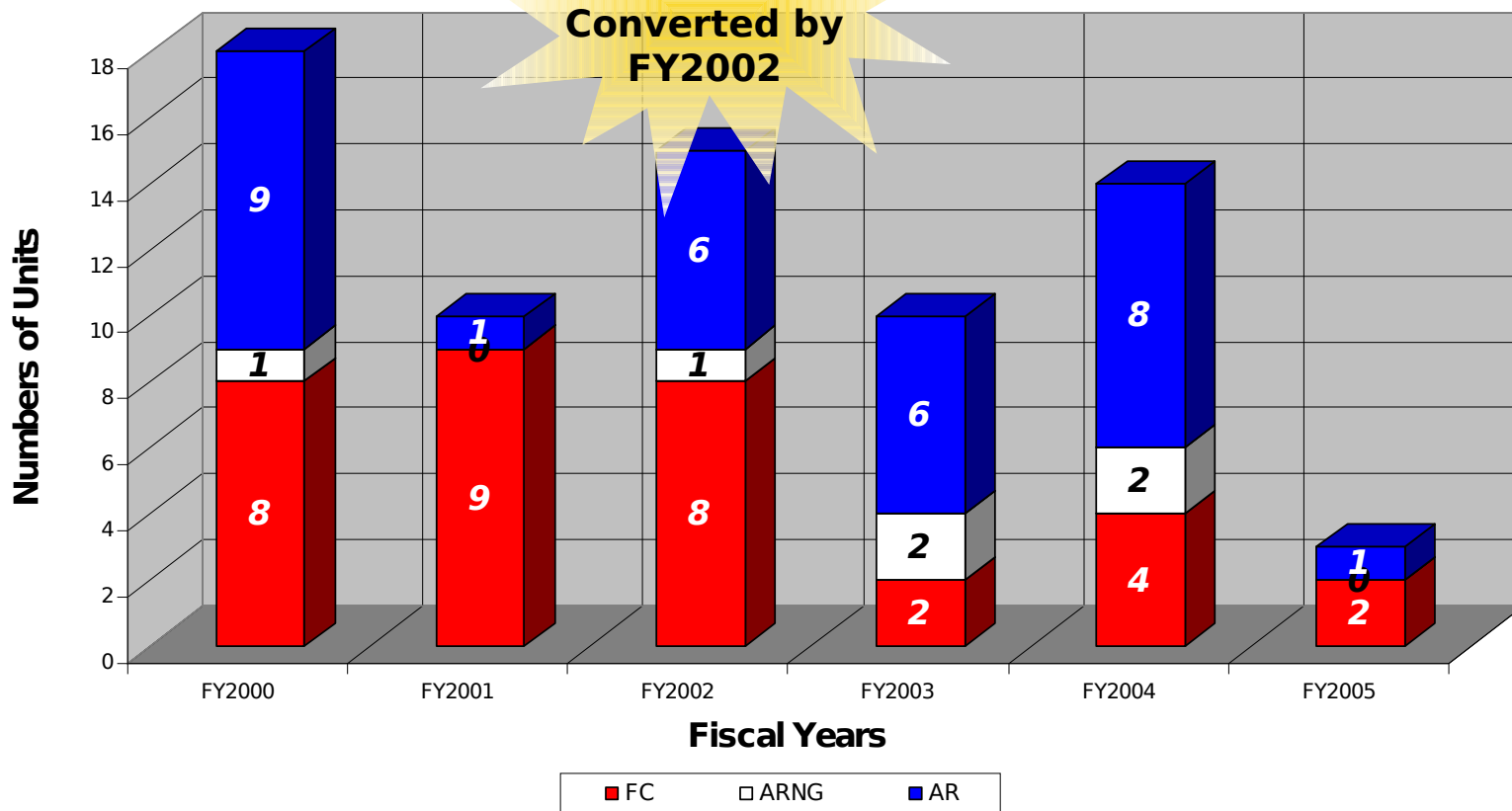


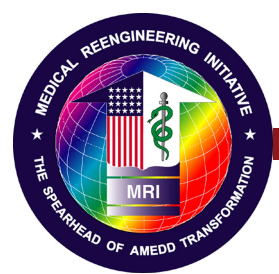
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# MRI Corp Slice Conversion Plan

**61% of  
MRI Corps Slice  
Converted by  
FY2002**





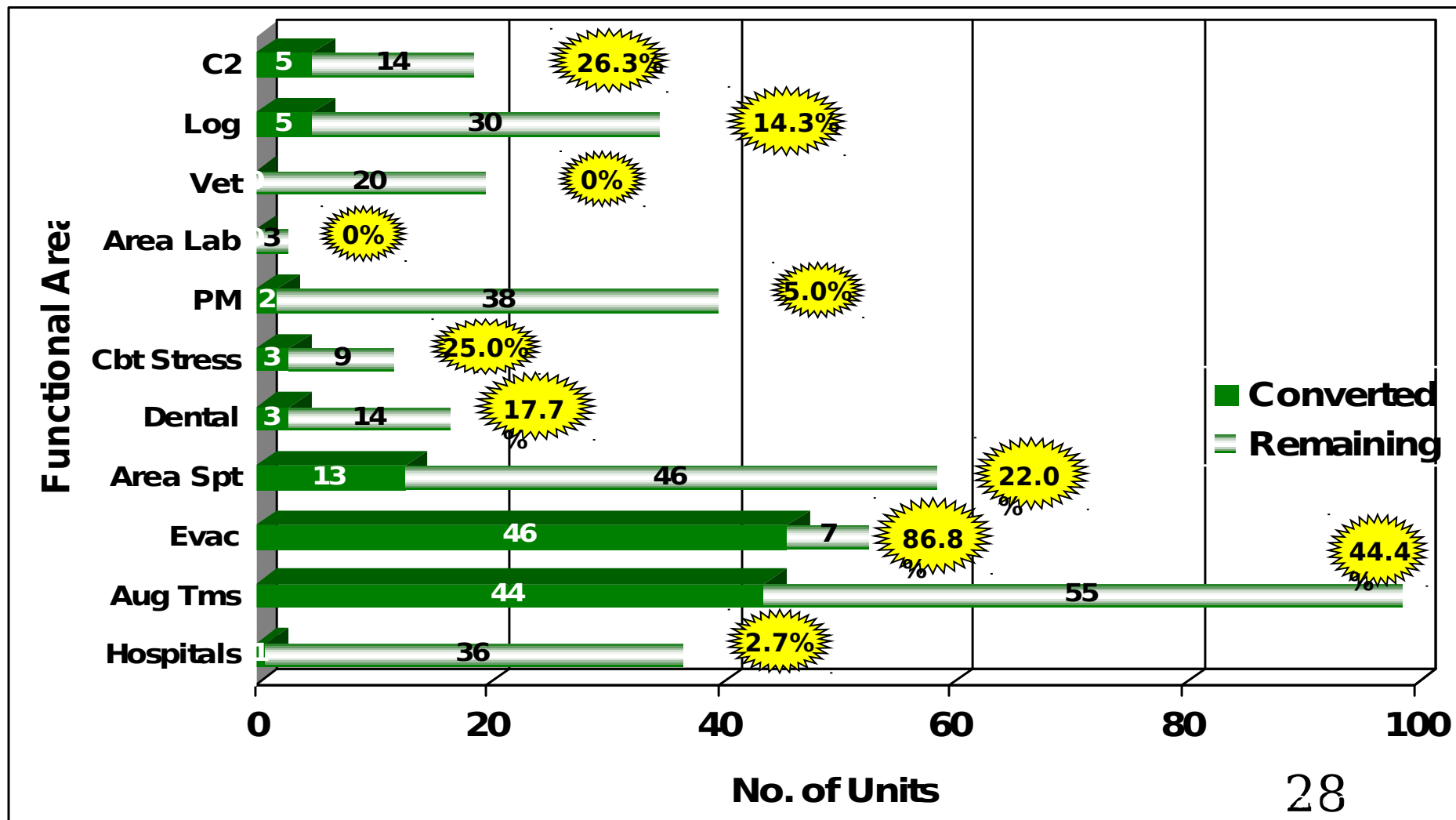
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# MRI Conversion Status

As of September 2002





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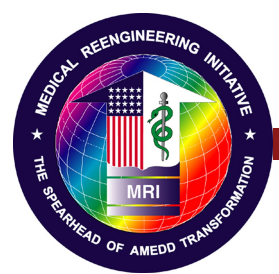


*... to conserve the fighting strength*

# Clinical Operational Equipment Set (COES)

## Concept

- To provide a clinical operational capability within the USAR CSH that is capable of providing a rapidly deployable and operationally relevant Level III hospitalization capability that meets operational mission requirements.
- To give the AR unit a strategically deployable, responsive and operational capability at home station that the AR unit will store and maintain.



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# **COES PLACEMENT** ... *to conserve the fighting strength*

**328 CSH,  
SLC, UT**

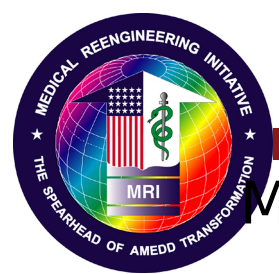
**Ft McCoy, WI  
(452 CSH set) or put at  
Home Station**

**48 CSH  
Ft Meade, MD**

**Camp Parks, CA  
(396 CSH set) or  
put at Home Station**

**Ft Gordon, GA  
(399 CSH set) or  
put at Home Station**

**COES CEP  
228th CSH (M/C)  
Ft Sam Houston, TX**



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# MRI Combat Support Hospital.. *to conserve the fighting strength*

RCHD & MEET

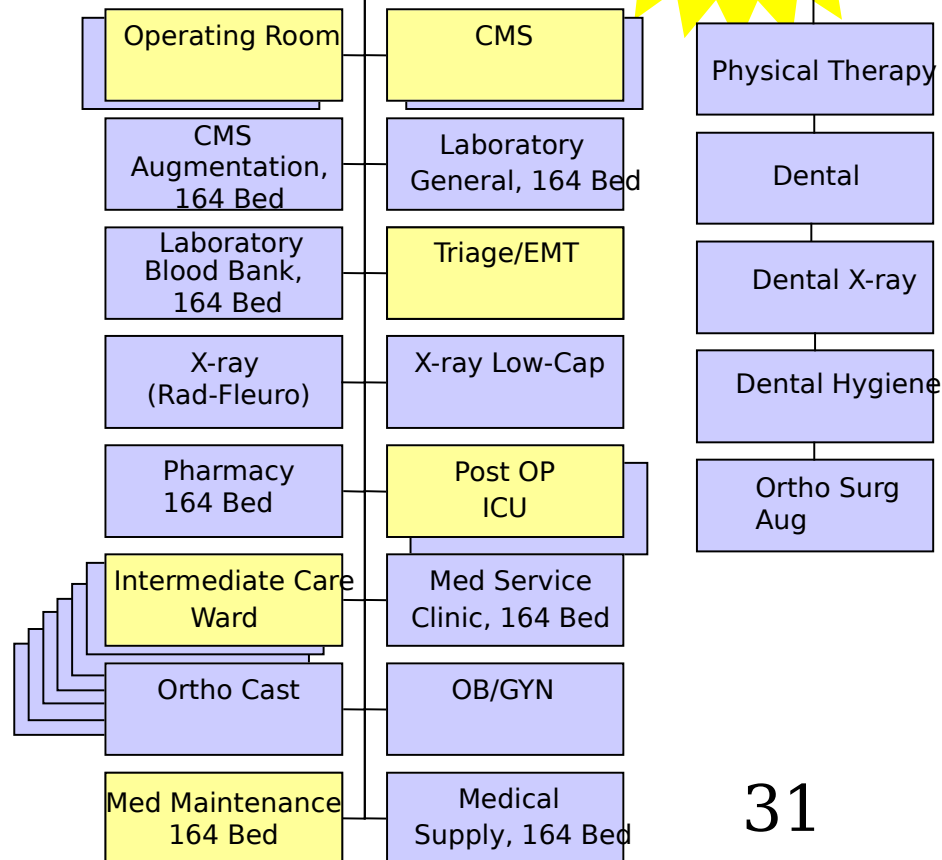
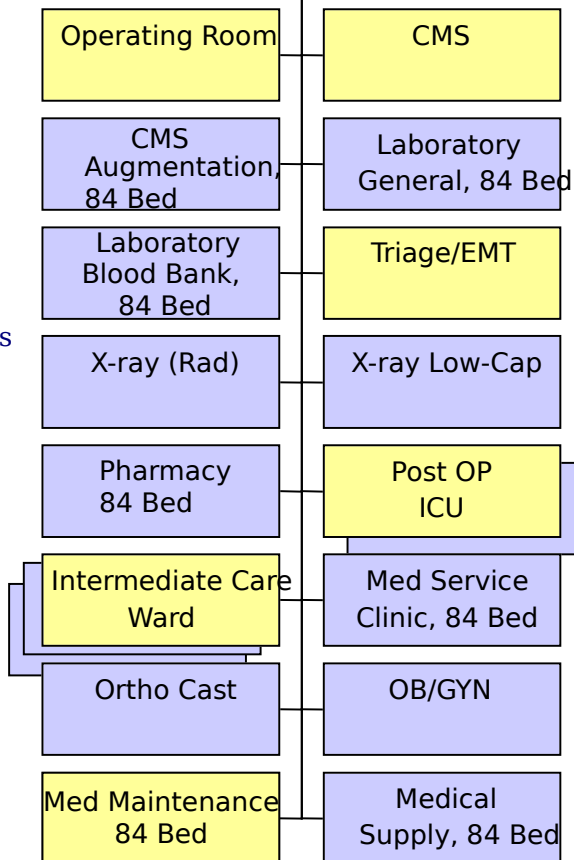
**MRI  
Combat Support Hosp  
(Corps)**

**Typical Reserve  
Component  
MRI CSH (Corps)  
Split Stationed**

**Hospital Compan  
84 Bed**

**Hospital Compan  
164 Bed**

 RCHD Stocks  
 MEET Set








**Soldiers on point for the Nation...**

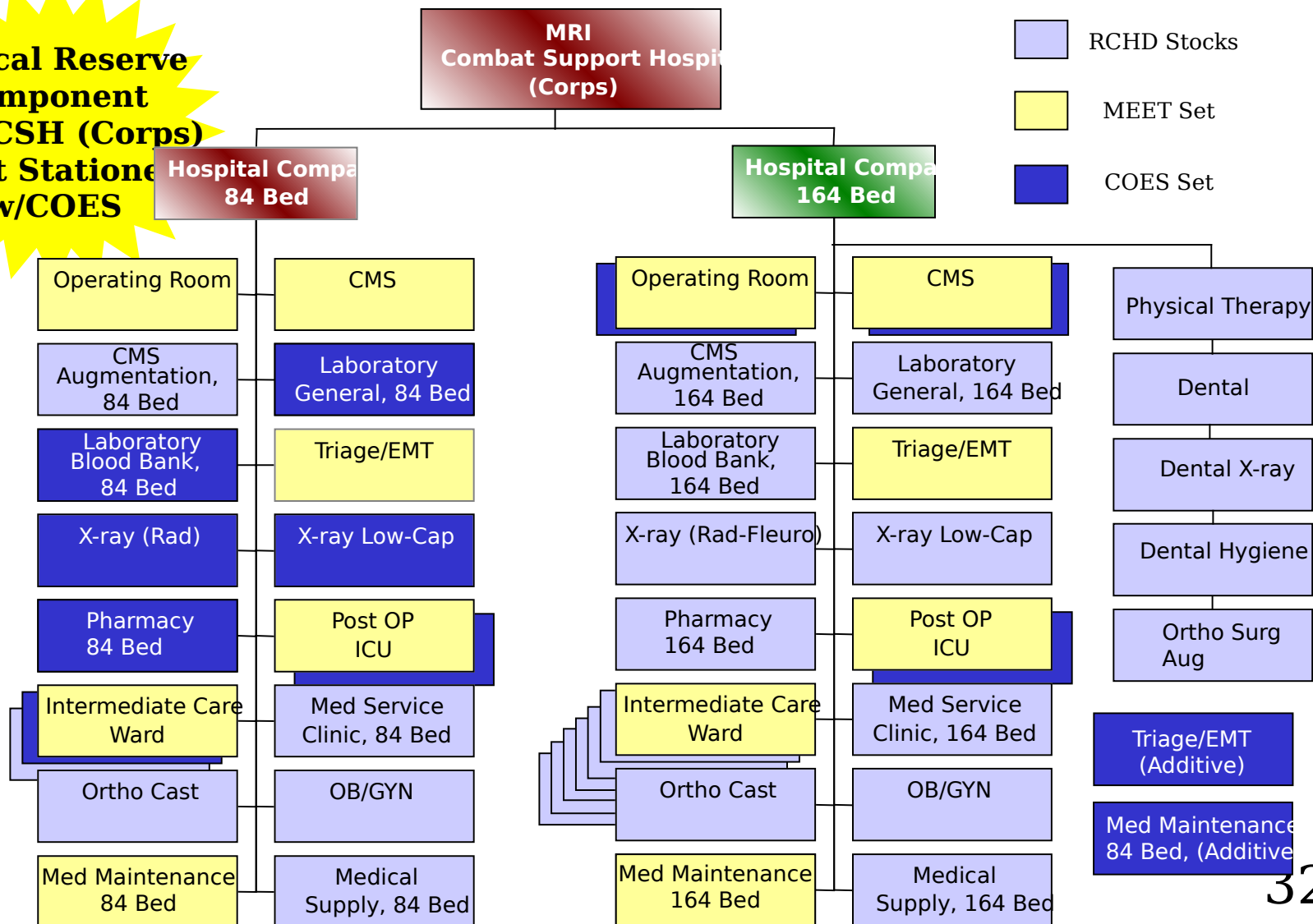


# MRI Combat Support Hospital *to conserve the fighting strength*

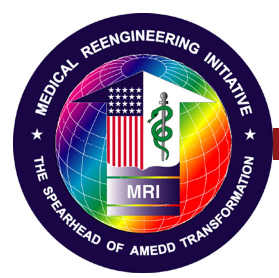
RCHD, MEET, & COES

**Typical Reserve Component  
MRI CSH (Corps)  
Split Stations  
w/COES**

-  RCHD Stocks
-  MEET Set
-  COES Set







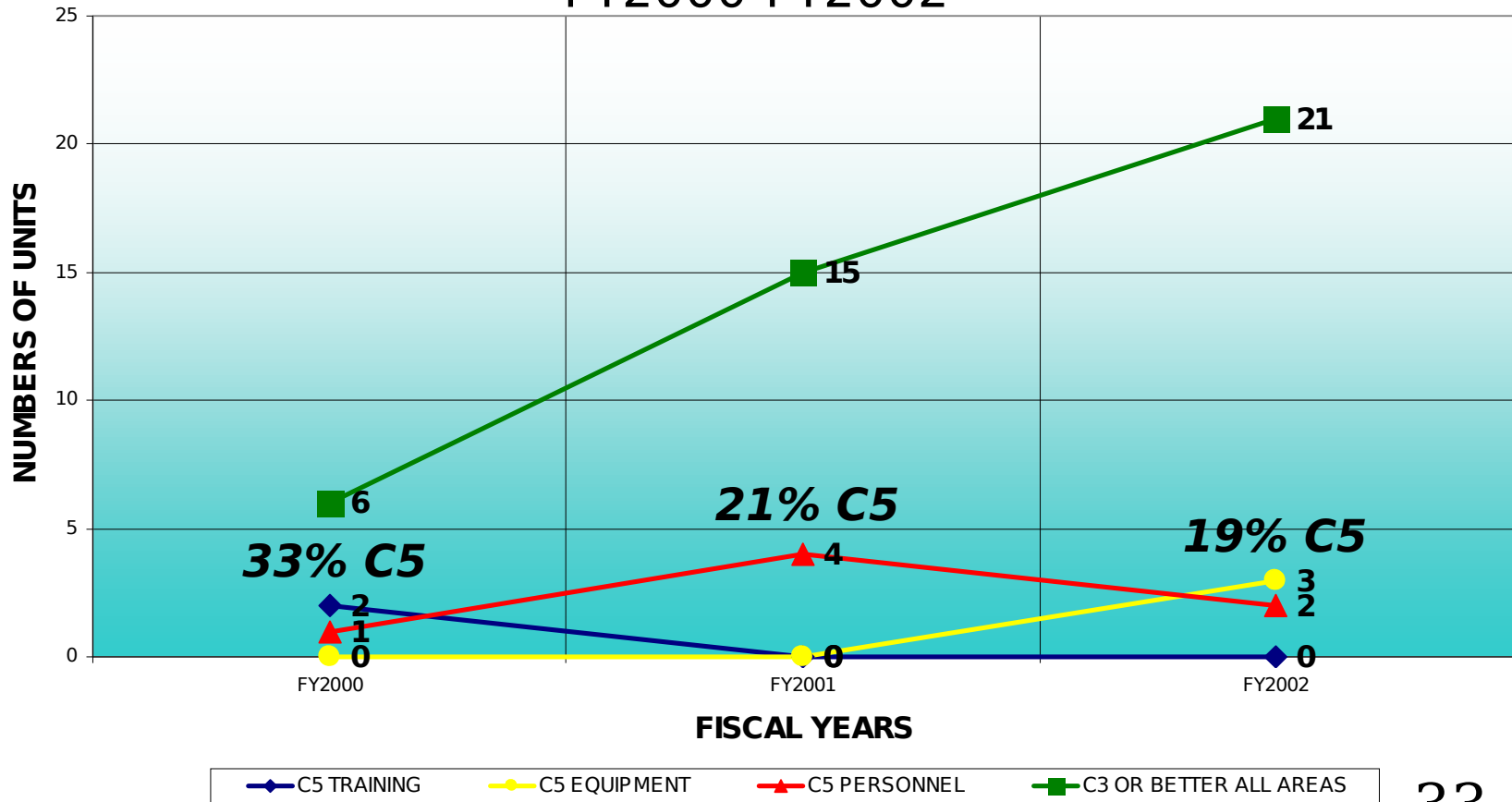
***Soldiers on point for the Nation...***

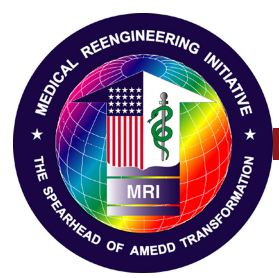
*... to conserve the fighting strength*



# Trends in MRI Activations/Conversions

FY2000-FY2002





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# CLII & CLVII Discussion

- MRI is a reorganization and not a modernization initiative
- CLII & CLVII assets:
  - Cross-level excess equipment
  - Transfer assets from inactivating units
  - Cascade displaced equipment from new equipment fieldings
  - Acquire serviceable DRMO assets
  - Procure new equipment



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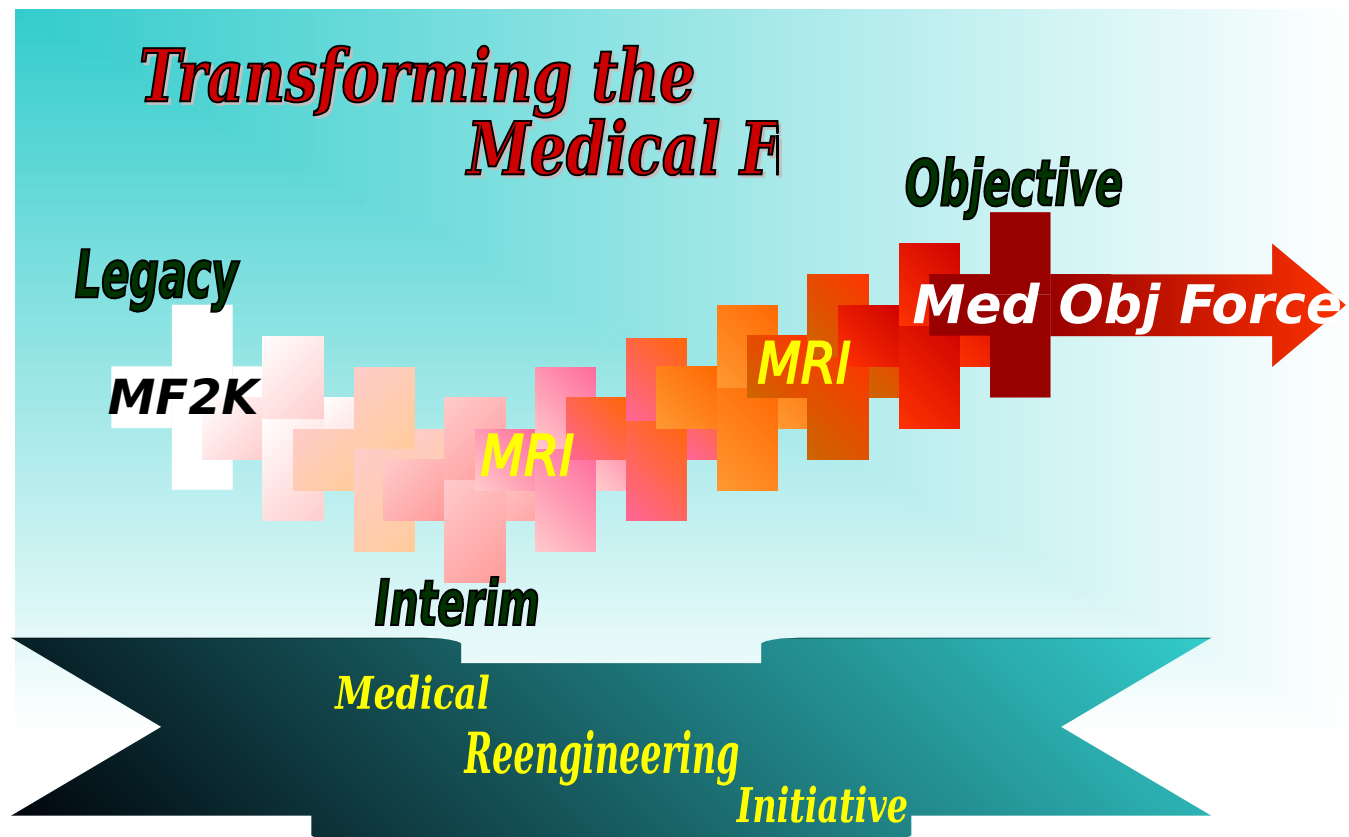
# Issues

- 74B requirements in MRI Medical Logistics Companies Tables of Organization and Equipment (TOE)
- Army procurement and issue of Distribution and Illumination Set Electrical (DISE)
- Unresourced MRI requirements in the FY04-FY09 POM



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**<http://mrmedforce.belvoir.army.mil>**